

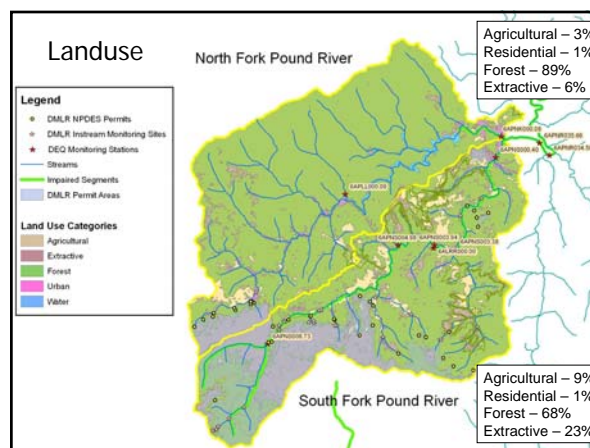
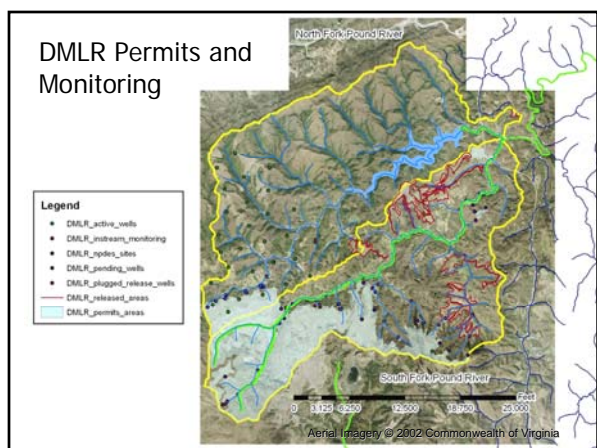
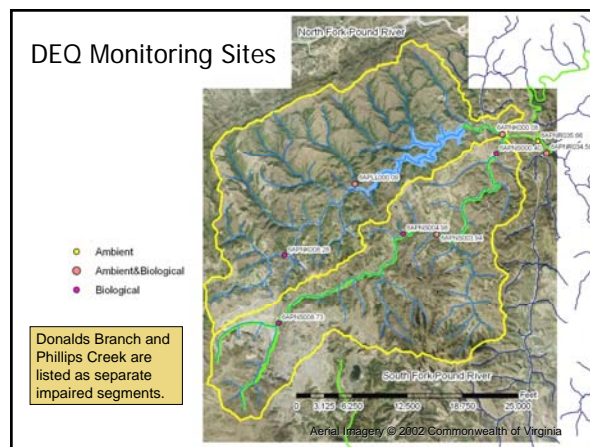
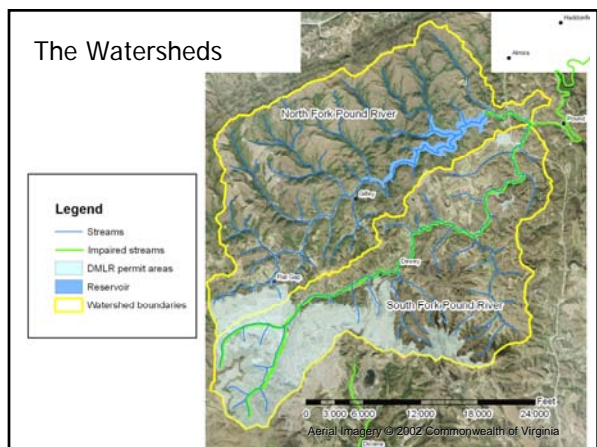


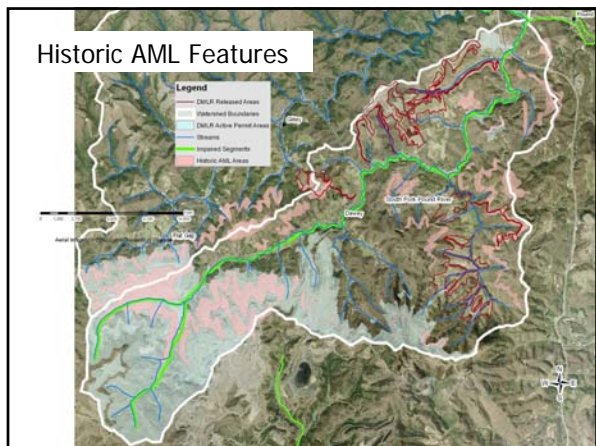
North Fork & South Fork Pound River

First Public Meeting

January 30, 2007

Gene Yagow
Virginia Tech, Biological Systems Engineering Dept.





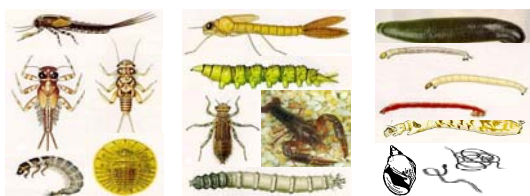
Biological (benthic) Impairment

What are benthic macroinvertebrates?

- Stream-Inhabiting Organisms
 - Benthic: Bottom dwelling
 - Macro: Large enough to see
 - Invertebrates: Without backbones
- Indicators of Stream Health
 - Integrate the impacts of short term environmental variations
 - Easy to sample, abundant in most streams

Benthic Macroinvertebrates

Types of organisms present are indicators of water quality and habitat condition

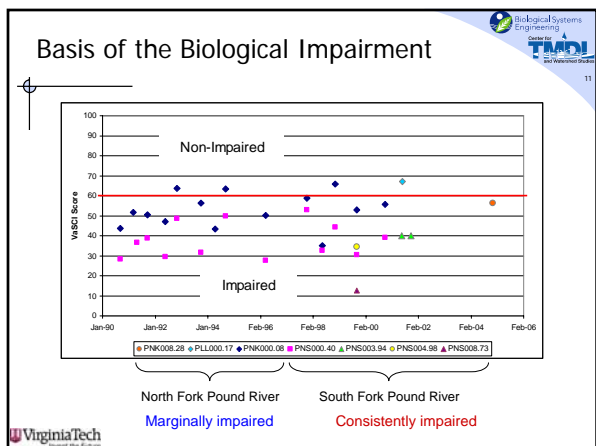


Good

Mid-Range

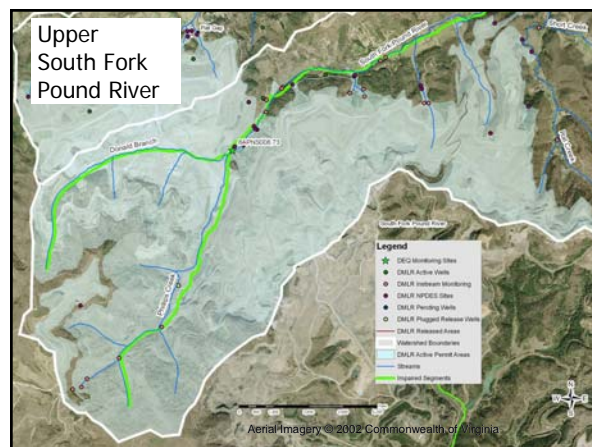
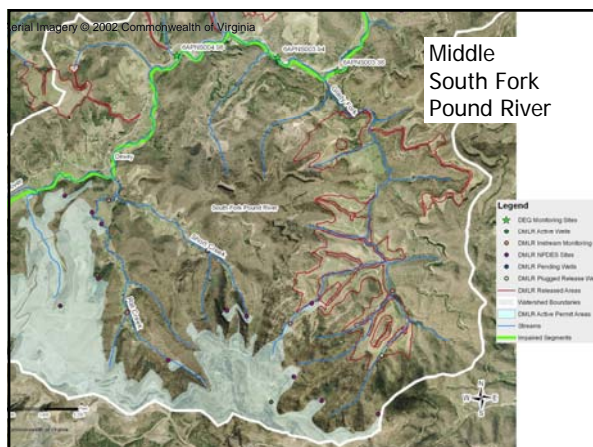
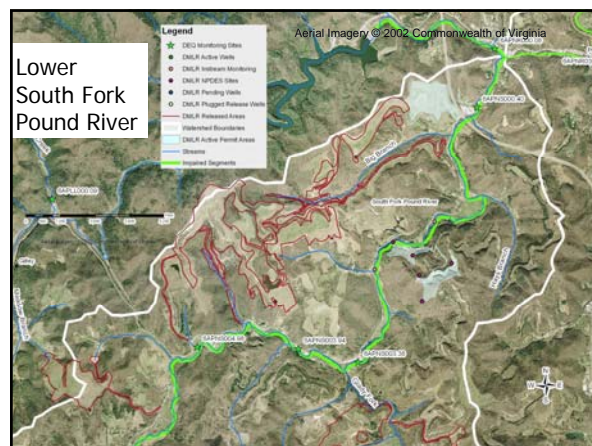
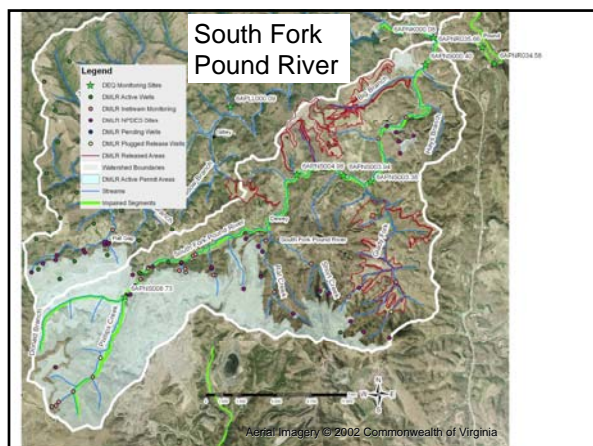
Poor

Invertebrates are important food for fish



Benthic Organism Inventory

[illegible]



Questions or Comments

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